

SEQUENCE LISTING

<110> VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOL

<120> Nucleic Acid Binding of Multi-Zinc Finger Transcription Factors

<130> 2676-5174US

<140> US/10/028,396

<141> 2001-12-21

<150> 99202068.5

<151> 1999-06-25

<150> PCT/EP00/05582

<151> 2000-06-09

<160> 49

<170> PatentIn version 3.1

<210> 1

<211> 5

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> Description of Artificial Sequence: Portion of bait for screening

<400> 1

cacct

5

<210> 2

<211> 6

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> Description of Artificial Sequence: portion of bait for screening

<400> 2

cacctg

6

<210> 3
<211> 5
<212> DNA
<213> Artificial

<220>
<221> misc_feature
<223> Description of Artificial Sequence: portion of bait for screening

<400> 3
aggtg 5

<210> 4
<211> 7
<212> DNA
<213> Artificial

<220>
<221> misc_feature
<223> Description of Artificial Sequence: consensus element for binding
of MyT1, NZF-1 and NZF-3

<400> 4
aaagttt 7

<210> 5
<211> 52
<212> DNA
<213> Artificial

<220>
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<223> Description of Artificial Sequence: complex consensus sequence

<220>
<221> misc_feature
<222> (16)..(43)
<223> nucleotides 16-43 represent a spacer sequence wherein any one, more,
or all of nucleotides 16-43 may be present or absent

<400> 5
gacaagataa gataannnnn nnnnnnnnnn nnnnnnnnnn nnnctcatct tc 52

<210> 6

<211> 30

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> Description of Artificial Sequence: primer SIP1 NZF3Mut

<400> 6

ccacctgaaa gaatccctga gaattcacag

30

<210> 7

<211> 30

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> Description of Artificial Sequence: primer SIP1 CZF2Mut

<400> 7

gggtcctaca gttcatctat cagcagcaag

30

<210> 8

<211> 30

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> Description of Artificial Sequence: primer SIP1 NZF4Mut

<400> 8

caccacctta tcgagtcctc gaggctgcac

30

<210> 9

<211> 30

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> Description of Artificial Sequence: primer SIP1 CZF3Mut

<400> 9
tcctactcgc agtccatgaa tcacaggtac

30

<210> 10
<211> 50
<212> DNA
<213> Artificial

<220>
<221> misc_feature
<223> Description of Artificial Sequence: probe Xbra-WT

<400> 10
atccaggcca cctaaaatat agaatgataa agtgaccagg tgtcagttct 50

<210> 11
<211> 50
<212> DNA
<213> Artificial

<220>
<221> misc_feature
<223> Description of Artificial Sequence: probe Xbra-D

<400> 11
atccaggcca cctaaaatat agaatgataa agtgaccaga tgtcagttct 50

<210> 12
<211> 23
<212> DNA
<213> Artificial

<220>
<221> misc_feature
<223> Description of Artificial Sequence: probe Xbra-E

<400> 12
taaagtgacc aggtgtcagt tct 23

<210> 13
<211> 27
<212> DNA
<213> Artificial

<220>

<221> misc_feature

<223> Description of Artificial Sequence: probe Xbra-F

<400> 13

atccaggcca cctaaaatat agaatga

27

<210> 14

<211> 50

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> Description of Artificial Sequence: probe Rdm + Xbra-E

<400> 14

caatttagag tactgtgtac ttgggagtaa agtgaccagg tgtcagttct

50

<210> 15

<211> 53

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> Description of Artificial Sequence: probe Xbra-F + AREB6

<400> 15

atccaggcca cctaaaatat agaatgaggc tcagacaggt gtagaattcg gcg

53

<210> 16

<211> 53

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> Description of Artificial Sequence: probe Rdm + AREB6

<400> 16

caatttagag tactgtgtac ttgggagggc tcagacaggt gtagaattcg gcg

53

<210> 17
<211> 50
<212> DNA
<213> Artificial

<220>
<221> misc_feature
<223> Description of Artificial Sequence: probe Xbra-J

<400> 17
gcacaggcca cctaaaatat agaatgataa agtgaccagg tgtcagttct 50

<210> 18
<211> 50
<212> DNA
<213> Artificial

<220>
<221> misc_feature
<223> Description of Artificial Sequence: probe Xbra-K

<400> 18
atcactgcc a cctaaaatat agaatgataa agtgaccagg tgtcagttct 50

<210> 19
<211> 50
<212> DNA
<213> Artificial

<220>
<221> misc_feature
<223> Description of Artificial Sequence: probe Xbra-L

<400> 19
atccagtaaa cctaaaatat agaatgataa agtgaccagg tgtcagttct 50

<210> 20
<211> 50
<212> DNA
<213> Artificial

<220>
<221> misc_feature
<223> Description of Artificial Sequence: probe Xbra-M

<400> 20
atccaggccc aataaaatat agaatgataa agtgaccagg tgtcagttct 50

<210> 21
<211> 50
<212> DNA
<213> Artificial

<220>
<221> misc_feature
<223> Description of Artificial Sequence: probe Xbra-N

<400> 21
atccaggcca ccgccaatat agaatgataa agtgaccagg tgtcagttct 50

<210> 22
<211> 50
<212> DNA
<213> Artificial

<220>
<221> misc_feature
<223> Description of Artificial Sequence: probe Xbra-O

<400> 22
atccaggcca cctaaccgat agaatgataa agtgaccagg tgtcagttct 50

<210> 23
<211> 50
<212> DNA
<213> Artificial

<220>
<221> misc_feature
<223> Description of Artificial Sequence: probe Xbra-P

<400> 23
atccaggcca cctaaatcg cgaatgataa agtgaccagg tgtcagttct 50

<210> 24
<211> 50
<212> DNA
<213> Artificial

<220>
<221> misc_feature
<223> Description of Artificial Sequence: probe Xbra-Q

<400> 24
atccaggcca cctaaaatat atcctgataa agtgaccagg tgtcagttct 50

<210> 25
<211> 50
<212> DNA
<213> Artificial

<220>
<221> misc_feature
<223> Description of Artificial Sequence: probe Xbra-R

<400> 25
atccaggcca cctaaaatat agaagtctaa agtgaccagg tgtcagttct 50

<210> 26
<211> 50
<212> DNA
<213> Artificial

<220>
<221> misc_feature
<223> Description of Artificial Sequence: probe Xbra-S

<400> 26
atccaggcca tctaaaatat agaatgataa agtgaccagg tgtcagttct 50

<210> 27
<211> 50
<212> DNA
<213> Artificial

<220>
<221> misc_feature
<223> Description of Artificial Sequence: probe Xbra-Z

<400> 27
atccaggcca cctaaaatat agaatgataa agtgactagg tgtcagttct 50

<210> 28
<211> 47
<212> DNA
<213> Artificial

<220>
<221> misc_feature
<223> Description of Artificial Sequence: probe Xbra-B

<400> 28
atccaggcca cctatataga atgataaagt gaccaggtgt cagttct 47

<210> 29
<211> 47
<212> DNA
<213> Artificial

<220>
<221> misc_feature
<223> Description of Artificial Sequence: probe Xbra-C

<400> 29
atccaggcca cctaaaatat agaatgatgt gaccaggtgt cagttct 47

<210> 30
<211> 40
<212> DNA
<213> Artificial

<220>
<221> misc_feature
<223> Description of Artificial Sequence: probe Xbra-U

<400> 30
atccaggcca cctaaaatat agtgaccagg tgcagttct 40

<210> 31
<211> 46
<212> DNA
<213> Artificial

<220>
<221> misc_feature
<223> Description of Artificial Sequence: probe Xbra-EE

<400> 31
taaagtgacc aggtgtcagt tcttaaagtg accaggtgtc agttct 46

<210> 32
<211> 46
<212> DNA
<213> Artificial

<220>
<221> misc_feature
<223> Description of Artificial Sequence: probe Xbra-ErE

<400> 32
agaactgaca cctggtcact ttataaagtg accaggtgtc agttct 46

<210> 33
<211> 50
<212> DNA
<213> Artificial

<220>
<221> misc_feature
<223> Description of Artificial Sequence: probe Xbra-FrF

<400> 33
atccaggcca cctaaaatat agaattattct atattttagg tggcctggat 50

<210> 34
<211> 50
<212> DNA
<213> Artificial

<220>
<221> misc_feature
<223> Description of Artificial Sequence: probe Xbra-V

<400> 34
atccaggcag gtgtaaatat agaatgataa agtgaccac ctacagttct 50

<210> 35
<211> 50
<212> DNA
<213> Artificial

<220>

<221> misc_feature

<223> Description of Artificial Sequence: probe Xbra-W

<400> 35

atccaggcag gtgtaaatat agaataata agtgaccagg tgcagttct 50

<210> 36

<211> 60

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> Description of Artificial Sequence: probe alfa-4I-WT (alfa-4-integrin)

<400> 36

gcagggcaca cctggattgc attagaatga gactcactac ccagttcagg tgtgttcgt 60

<210> 37

<211> 60

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> Description of Artificial Sequence: probe alfa-4I-A (alfa-4-integrin)

<400> 37

gcagggcaca cctggattgc attagaatga gactcactac ccagttcaga tgtgttcgt 60

<210> 38

<211> 60

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> Description of Artificial Sequence: probe alfa-4I-B (alfa-4-integrin)

<400> 38

gcagggcaca tctggattgc attagaatga gactcactac ccagttcagg tgtgttcgt 60

<210> 39

<211> 70

<212> DNA
<213> Artificial

<220>
<221> misc_feature
<223> Description of Artificial Sequence: probe Ecad-WT

<400> 39
tggccggcag gtgaaccctc agccaatcag cggtagggg ggcggtgctc cggggctcac 60

ctggctgcag 70

<210> 40
<211> 70
<212> DNA
<213> Artificial

<220>
<221> misc_feature
<223> Description of Artificial Sequence: probe Ecad-A

<400> 40
tggccggcag gtgaaccctc agccaatcag cggtagggg ggcggtgctc cggggctcat 60

ctggctgcag 70

<210> 41
<211> 70
<212> DNA
<213> Artificial

<220>
<221> misc_feature
<223> Description of Artificial Sequence: probe Ecad-B

<400> 41
tggccggcag atgaaccctc agccaatcag cggtagggg ggcggtgctc cggggctcac 60

ctggctgcag 70

<210> 42
<211> 21
<212> DNA
<213> Artificial

<220>

<221> misc_feature

<223> Description of Artificial Sequence: PCR-primer for E-cadherin promoter
sequence (-341/+41)

<400> 42

acaaaagaac tcagccaagt g

21

<210> 43

<211> 18

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> Description of Artificial Sequence: PCR-primer for E-cadherin promoter
sequence (-341/+41)

<400> 43

ccgcaagctc acaggtgc

18

<210> 44

<211> 26

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> Description of Artificial Sequence: forward primer E-box 1

<400> 44

gctgtggccg gcagatgaac cctcag

26

<210> 45

<211> 26

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> Description of Artificial Sequence: reverse primer E-box 1

<400> 45

ctgagggttc atctgccggc cacagc

26

<210> 46
<211> 24
<212> DNA
<213> Artificial

<220>
<221> misc_feature
<223> Description of Artificial Sequence: forward primer E-box3

<400> 46
gctccgggct catctggctg cagc 24

<210> 47
<211> 25
<212> DNA
<213> Artificial

<220>
<221> misc_feature
<223> Description of Artificial Sequence: reverse primer E-box3

<400> 47
gctgcagcca gatgagcccc ggagc 25

<210> 48
<211> 27
<212> DNA
<213> Artificial

<220>
<221> misc_feature
<223> Description of Artificial Sequence: degenerated primer

<220>
<221> misc_feature
<222> (25)
<223> n is a spacer and may be any nucleotide

<400> 48
cttcagcag ccctacgayc argcnca 27

<210> 49

<211> 28

<212> DNA

<213> Artificial

<220>

<221> misc_feature

<223> Description of Artificial Sequence: degenerated primer

<220>

<221> misc_feature

<222> (26)

<223> n is a spacer and may be any nucleotide

<400> 49

gggtgtggga ccgga trtgc atyttat

28
